

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041519\
 Data File : BF113765.D
 Acq On : 15 Apr 2019 16:11
 Operator : JU/SJ
 Sample : K2199-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 15 23:07:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

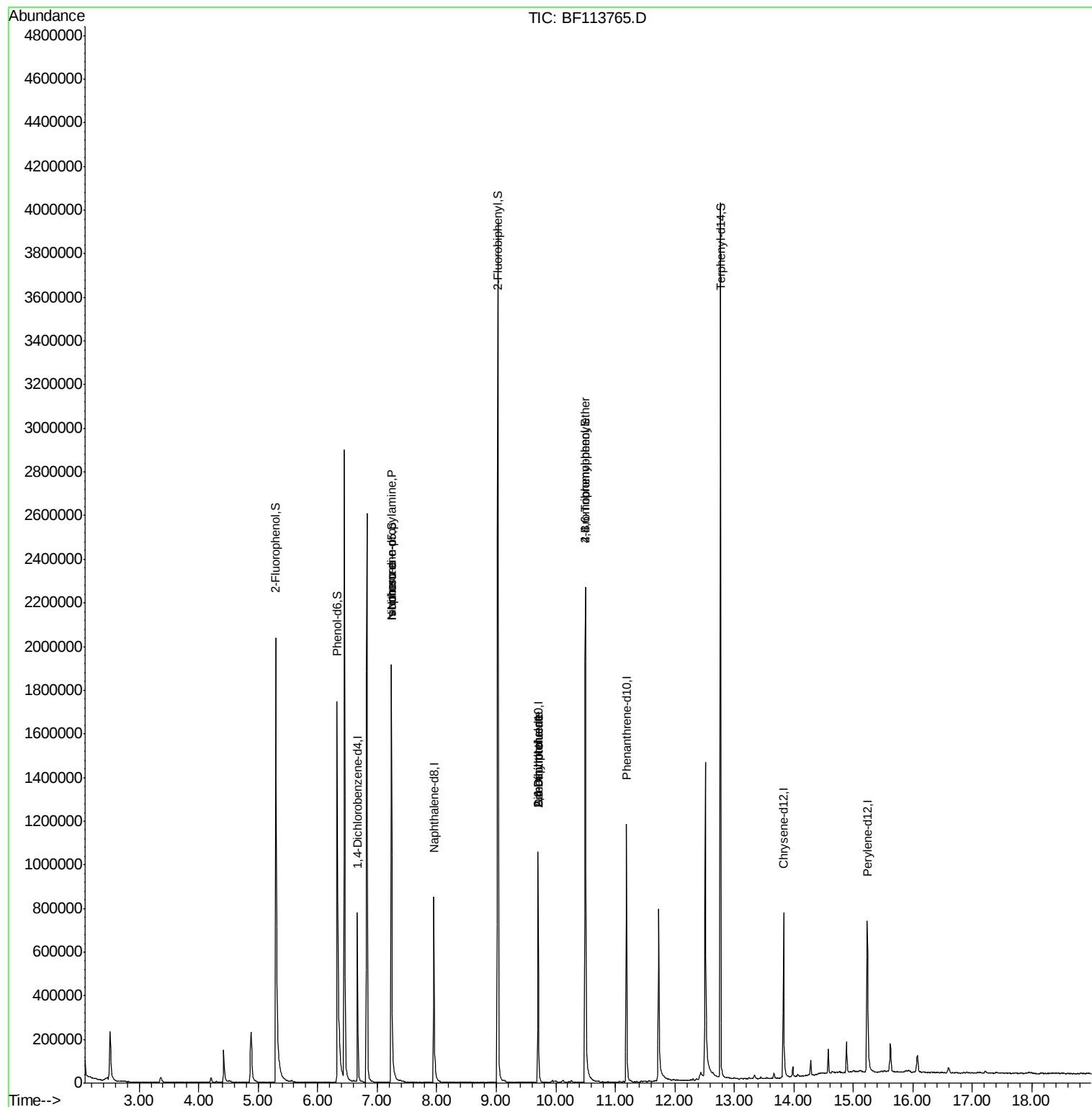
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	130238	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	483110	20.00	ng	-0.02
39) Acenaphthene-d10	9.70	164	233691	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	483362	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	325118	20.00	ng	-0.02
87) Perylene-d12	15.23	264	310961	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	824123	107.90	ng	0.00
7) Phenol-d6	6.33	99	991739	105.35	ng	-0.01
23) Nitrobenzene-d5	7.24	82	714749	86.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	379400	135.15	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1324348	91.23	ng	-0.02
79) Terphenyl-d14	12.77	244	1505127	94.26	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	91617	15.783	ng	# 76
25) Isophorone	7.24	82	714744	44.986	ng	# 64
50) Dimethylphthalate	9.70	163	56927	3.305	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	29093	7.662	ng	# 26
57) 2,4-Dinitrotoluene	9.70	165	29093	6.335	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	20957	3.866	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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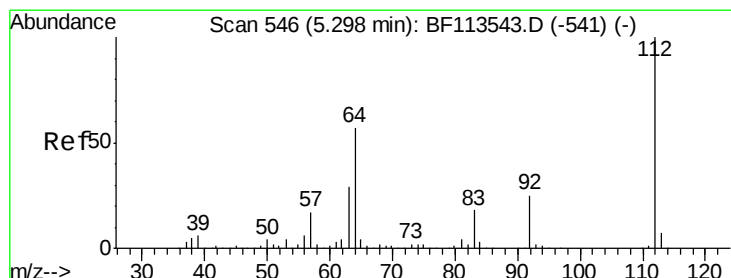
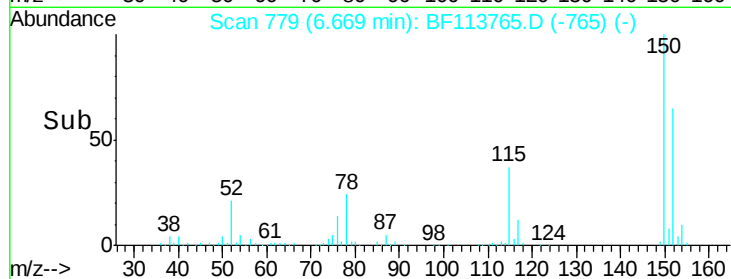
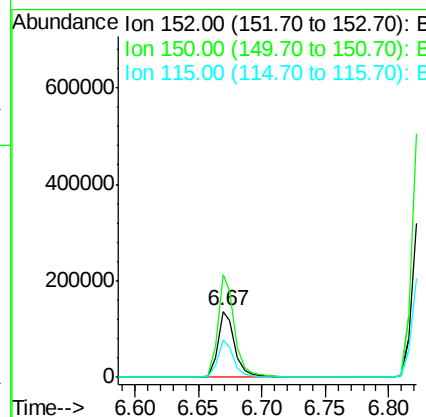
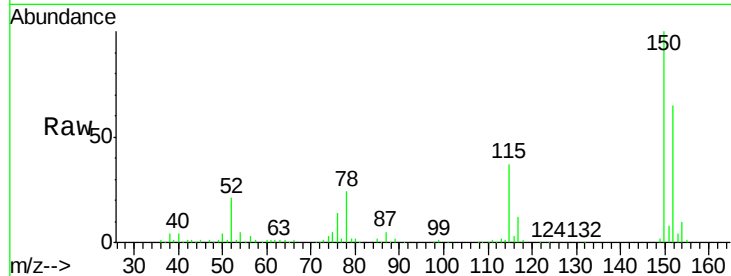


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF113765.D
Acq: 15 Apr 2019 16:11

Instrument :
BNA_F
ClientSampleId :

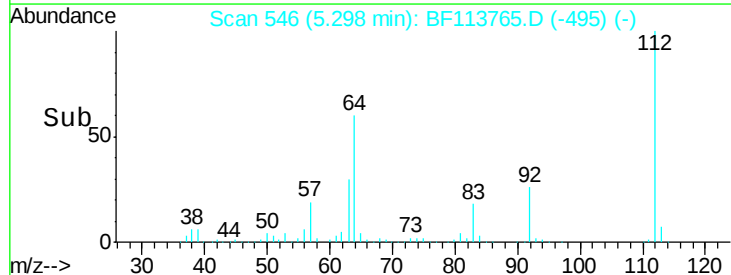
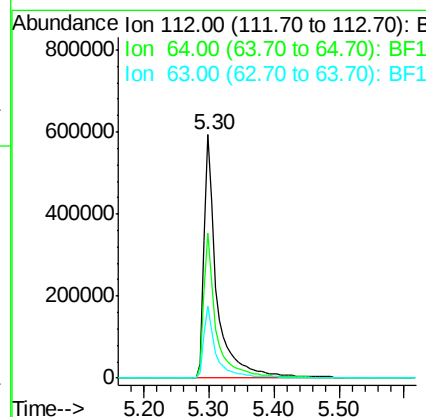
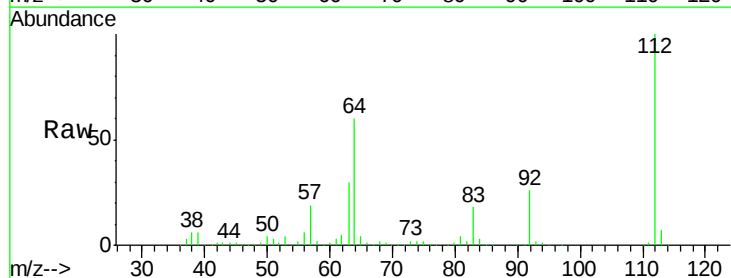
Tot Ion:152 Resp: 130238
Ion Ratio Lower Upper
152 100
150 154.8 124.7 187.1
115 57.4 46.0 69.0

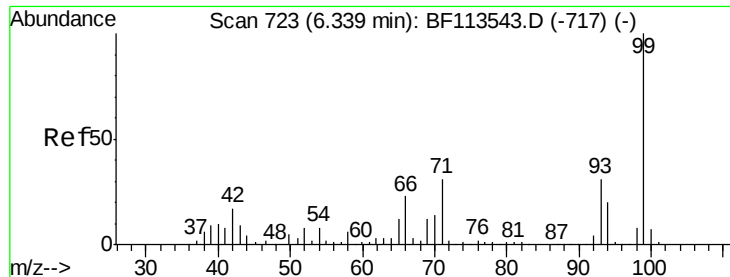


#5

2-Fluorophenol
Concen: 107.904 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113765.D
Acq: 15 Apr 2019 16:11

Tgt Ion:112 Resp: 824123
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 29.6 24.9 37.3





#7

Phenol-d6

Concen: 105.355 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113765.D

Acq: 15 Apr 2019 16:11

Instrument :

BNA_F

ClientSampleId :

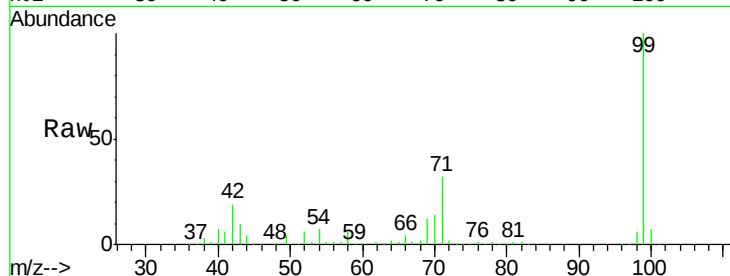
Tot Ion: 99 Resp: 991739

Ion Ratio Lower Upper

99 100

42 18.6 14.8 22.2

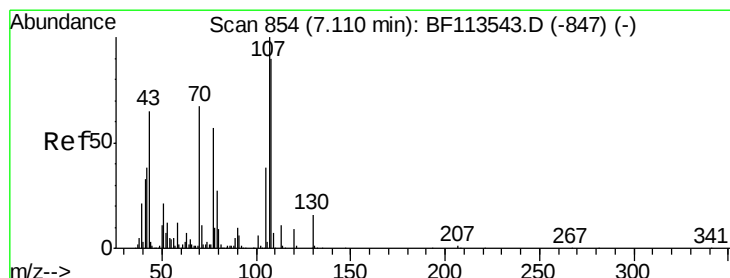
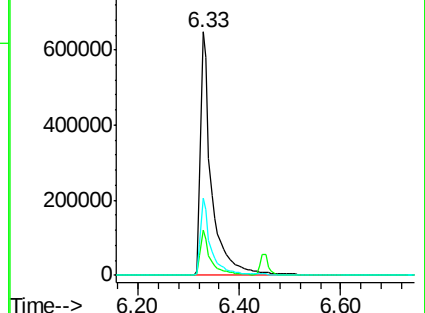
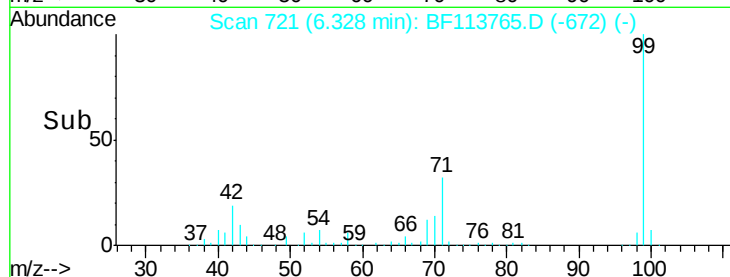
71 31.5 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 15.783 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113765.D

Acq: 15 Apr 2019 16:11

Tgt Ion: 70 Resp: 91617

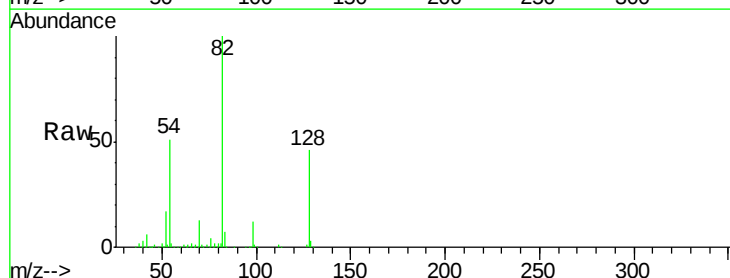
Ion Ratio Lower Upper

70 100

42 48.3 48.4 72.6#

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

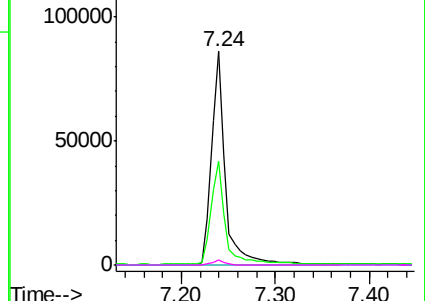
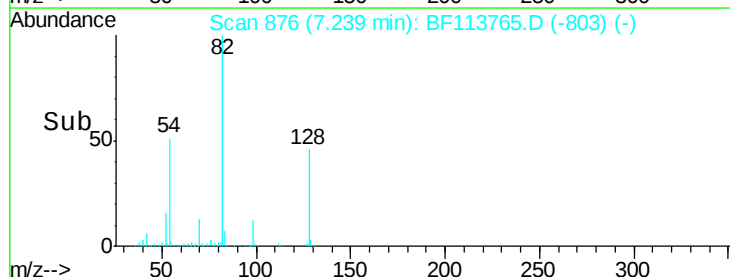


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF113765.D

Acq: 15 Apr 2019 16:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 483110

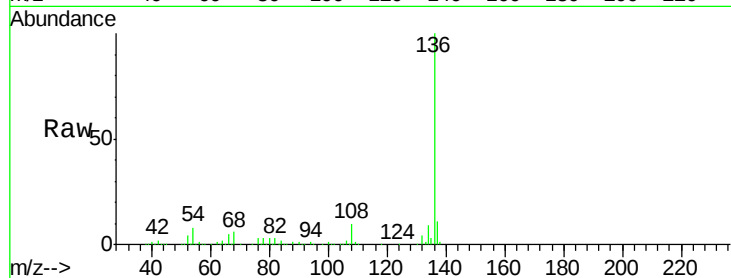
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.8 7.0 10.6

68 5.9 4.8 7.2

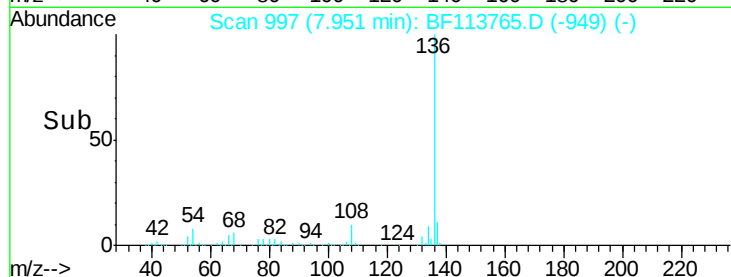


Abundance Ion 136.00 (135.70 to 136.70): E

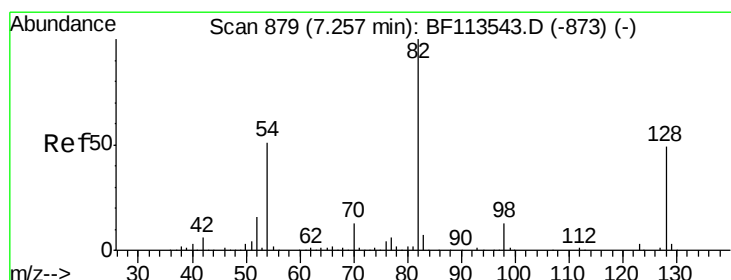
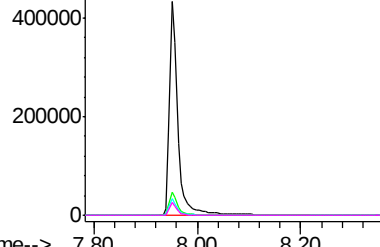
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 86.661 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113765.D

Acq: 15 Apr 2019 16:11

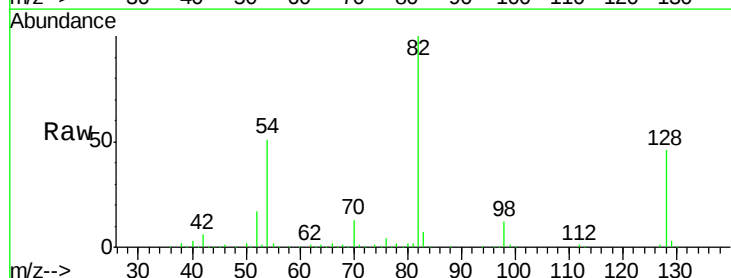
Tgt Ion: 82 Resp: 714749

Ion Ratio Lower Upper

82 100

128 46.4 36.5 54.7

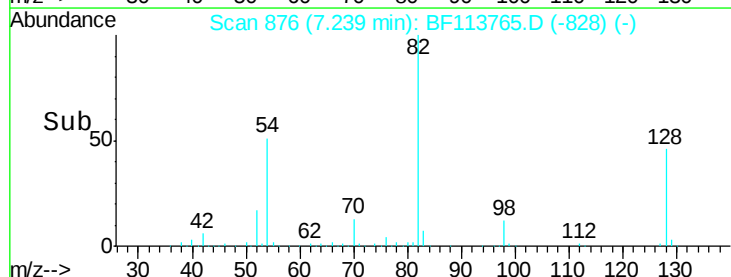
54 51.1 42.2 63.2



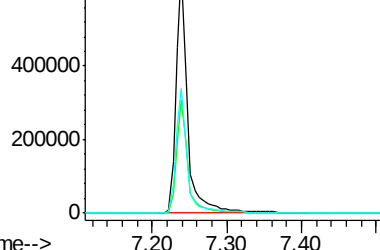
Abundance Ion 82.00 (81.70 to 82.70): BF1

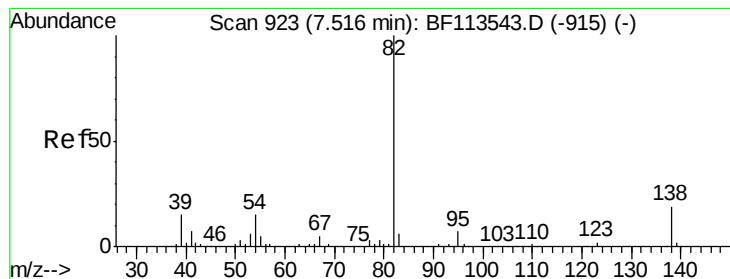
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#25

Isophorone

Concen: 44.986 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.28 min

Lab File: BF113765.D

Acq: 15 Apr 2019 16:11

Instrument :

BNA_F

ClientSampled :

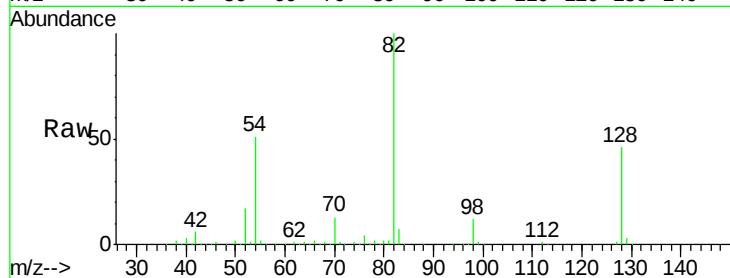
Tot Ion: 82 Resp: 714744

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

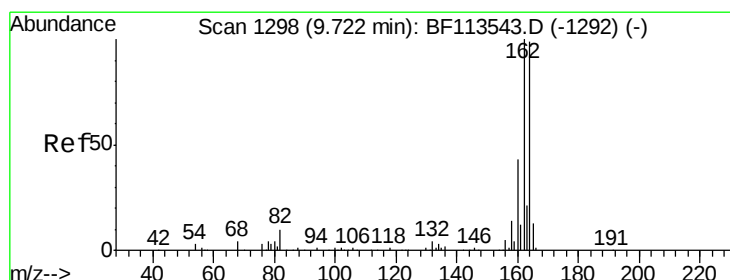
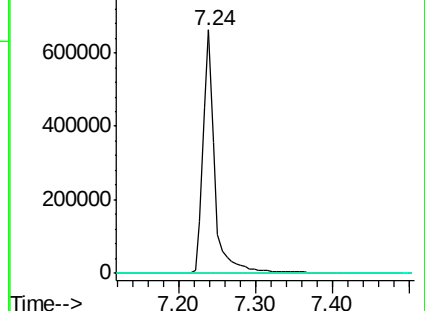
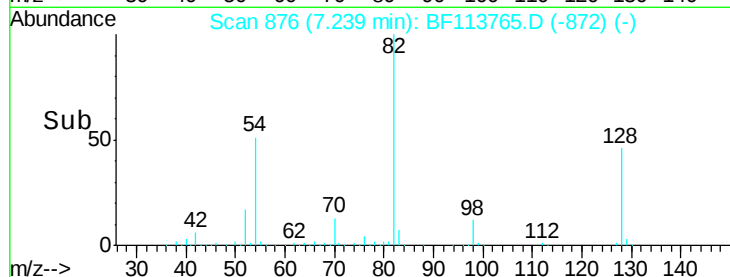
138 0.0 15.2 22.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113765.D

Acq: 15 Apr 2019 16:11

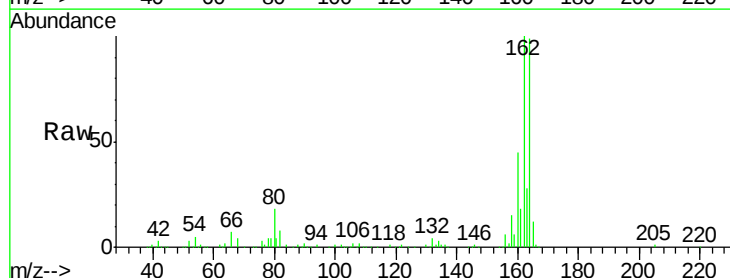
Tgt Ion:164 Resp: 233691

Ion Ratio Lower Upper

164 100

162 101.1 81.8 122.6

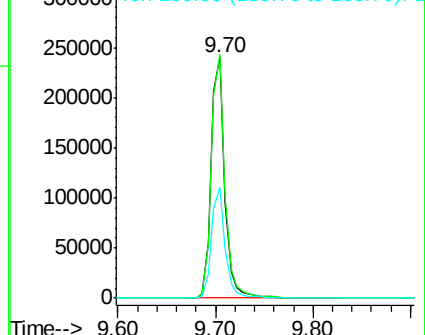
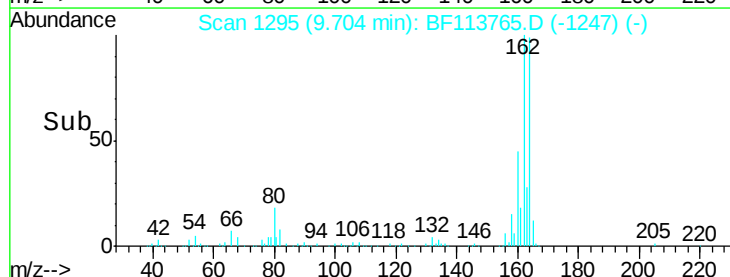
160 45.8 36.4 54.6

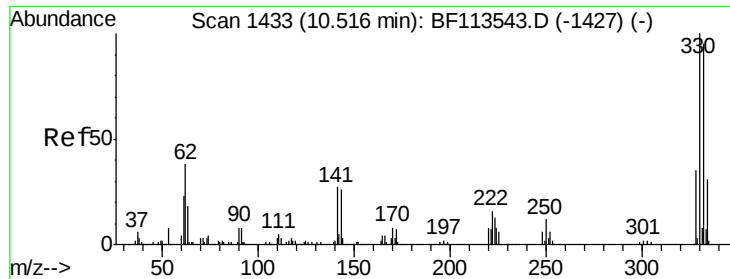


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

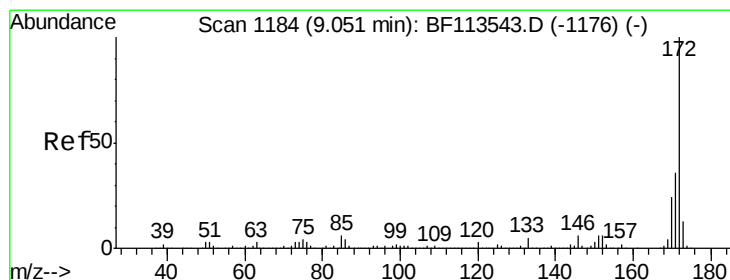
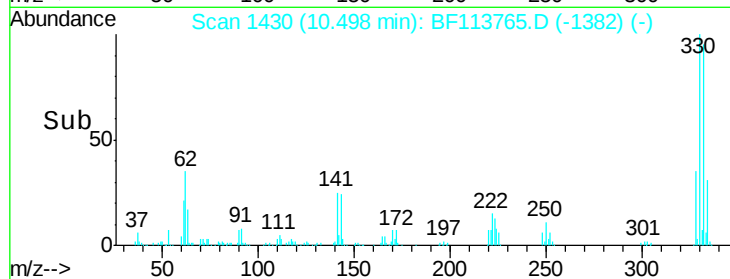
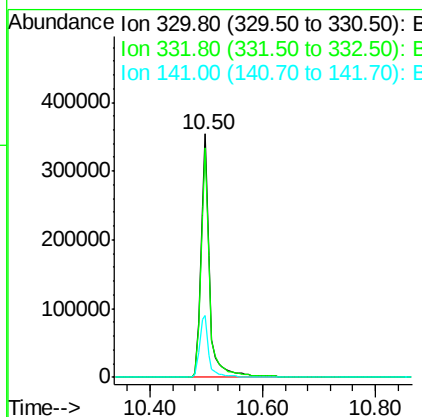
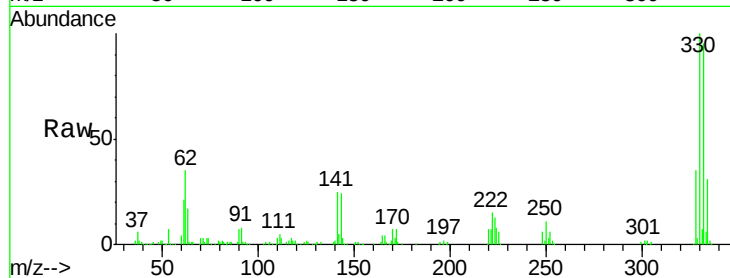




#42
 2,4,6-Tribromophenol
 Concen: 135.153 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113765.D
 Acq: 15 Apr 2019 16:11

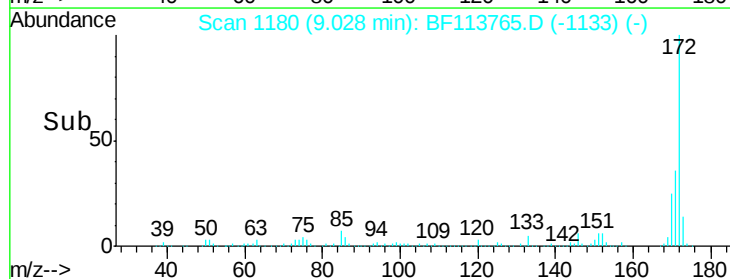
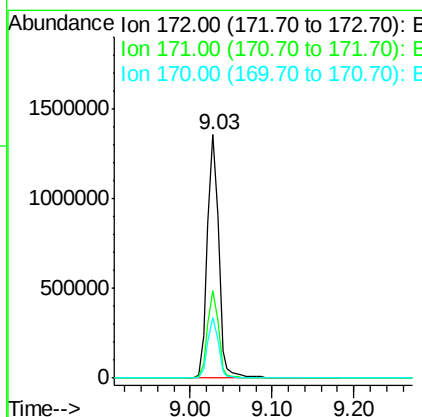
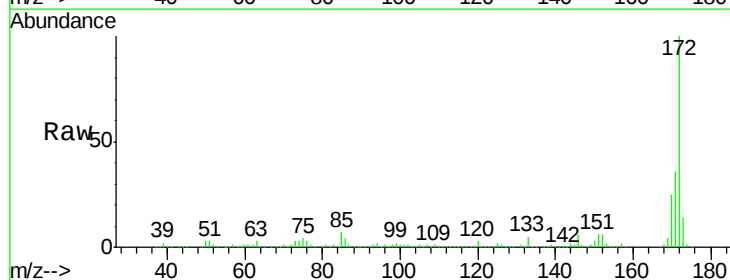
Instrument :
 BNA_F
 ClientSampleId :

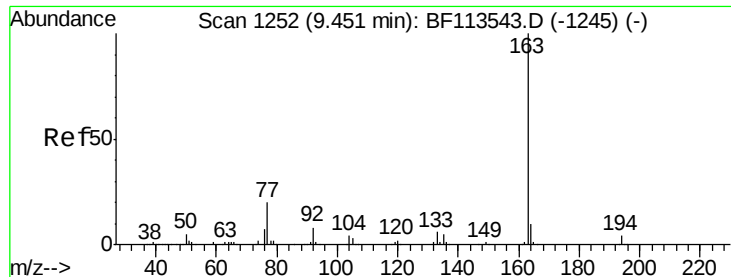
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.8	116.6
141	27.3	22.7	34.1



#45
 2-Fluorobiphenyl
 Concen: 91.234 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113765.D
 Acq: 15 Apr 2019 16:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.7	19.5	29.3





#50

Dimethylphthalate

Concen: 3.305 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.25 min

Lab File: BF113765.D

Acq: 15 Apr 2019 16:11

Instrument :

BNA_F

ClientSampleId :

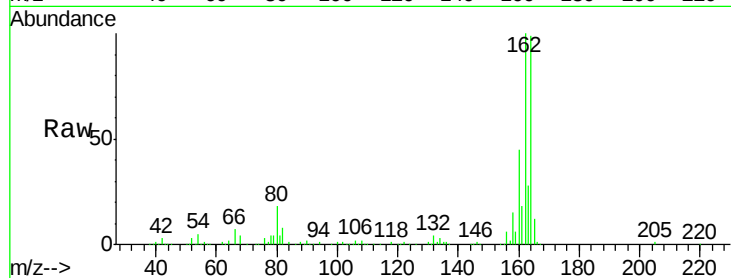
Tot Ion:163 Resp: 56927

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

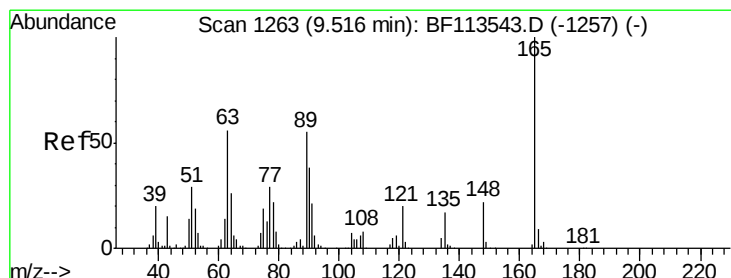
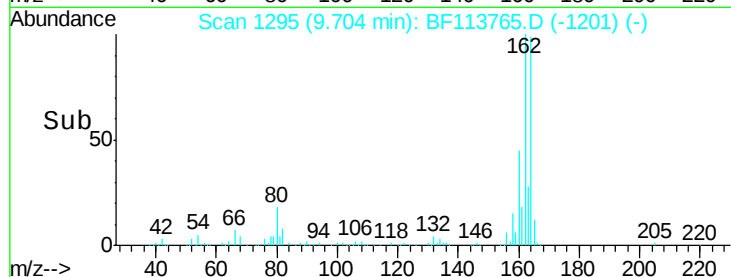
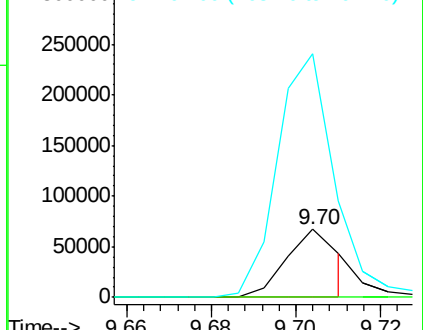
164 357.7 8.1 12.1#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.662 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.19 min

Lab File: BF113765.D

Acq: 15 Apr 2019 16:11

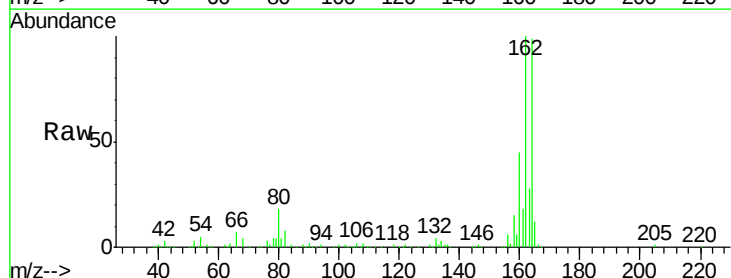
Tgt Ion:165 Resp: 29093

Ion Ratio Lower Upper

165 100

63 1.4 43.4 65.0#

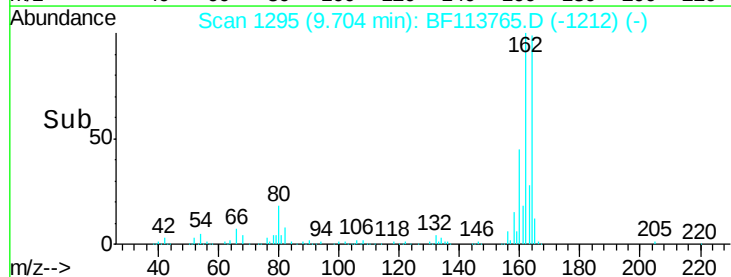
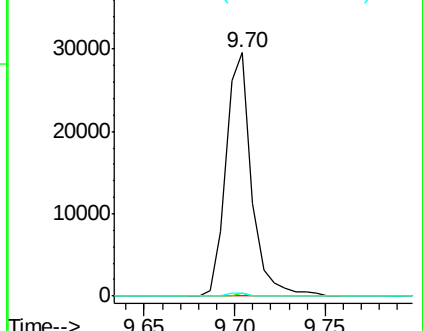
89 1.3 43.1 64.7#

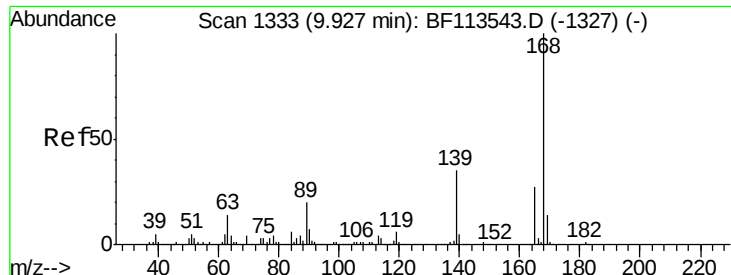


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

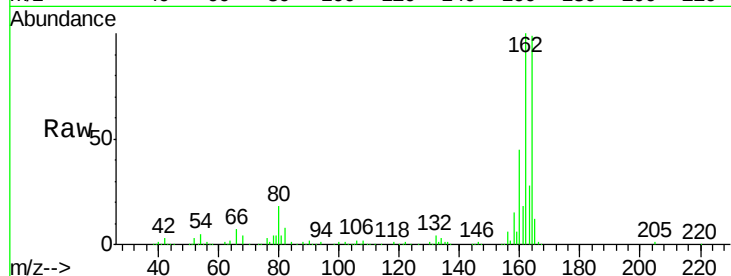




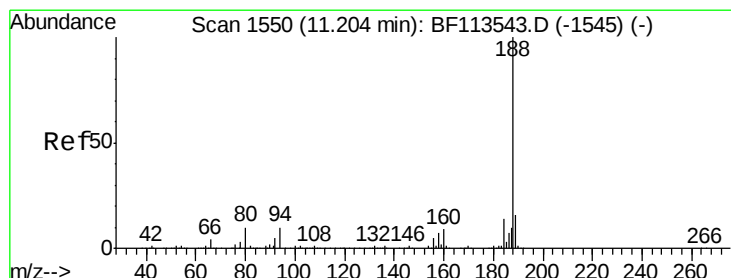
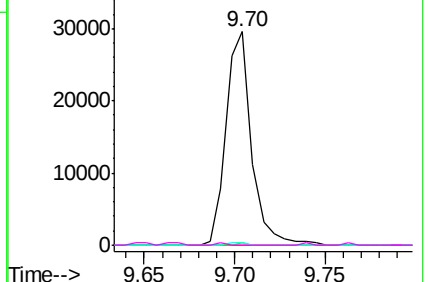
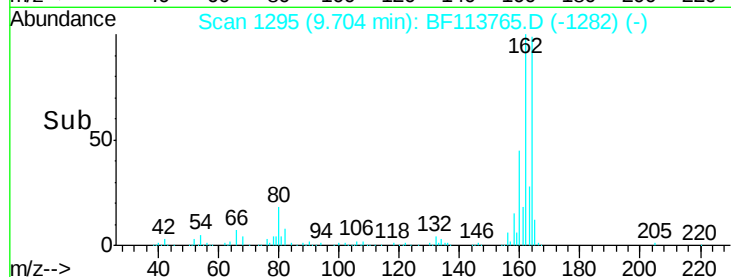
#57
 2,4-Dinitrotoluene
 Concen: 6.335 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.22 min
 Lab File: BF113765.D
 Acq: 15 Apr 2019 16:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 29093
 Ion Ratio Lower Upper
 165 100
 63 1.4 37.5 56.3#
 89 1.3 57.4 86.2#
 182 0.0 2.0 3.0#

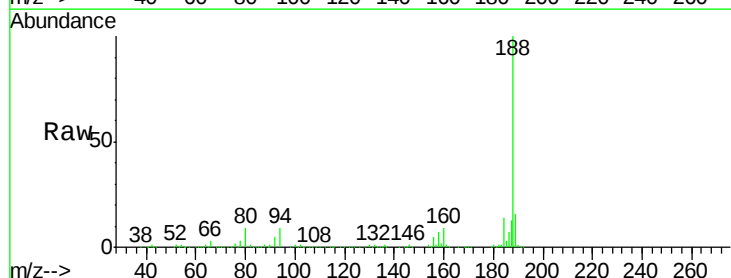


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

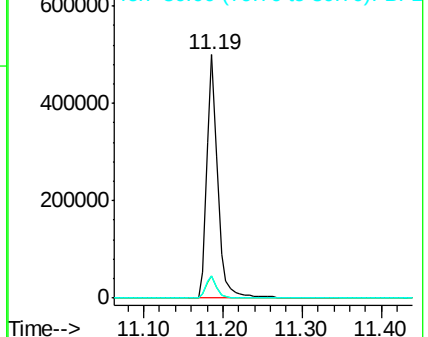
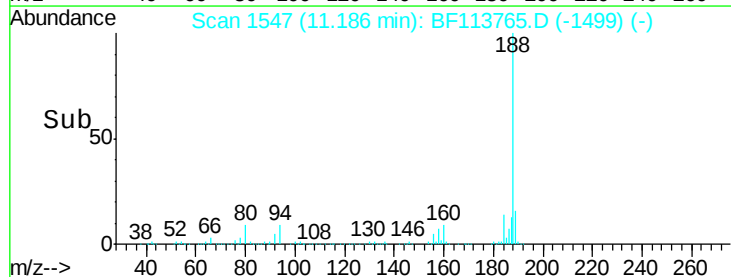


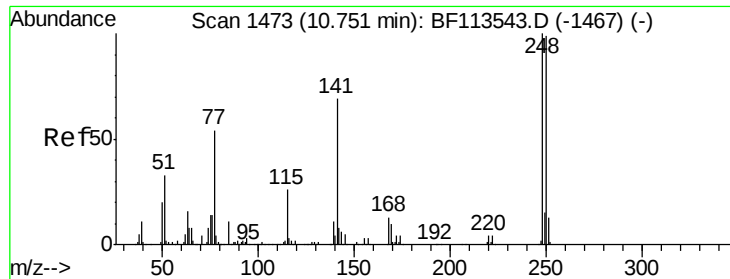
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF113765.D
 Acq: 15 Apr 2019 16:11

Tgt Ion:188 Resp: 483362
 Ion Ratio Lower Upper
 188 100
 94 9.2 7.0 10.6
 80 9.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

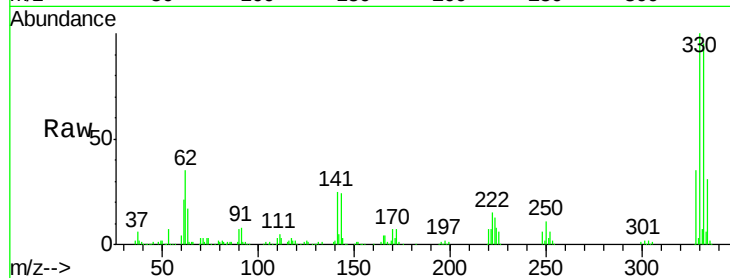




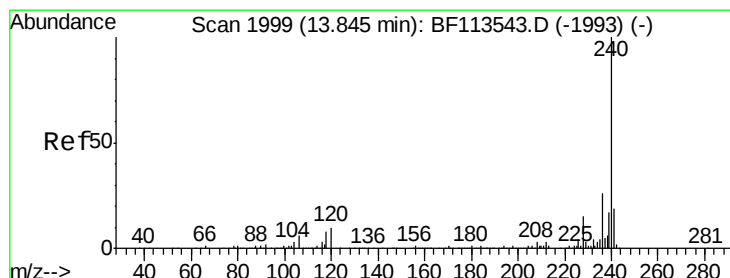
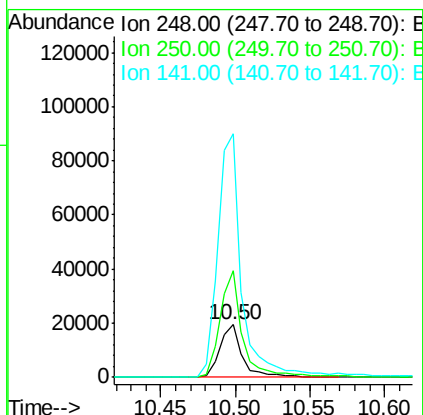
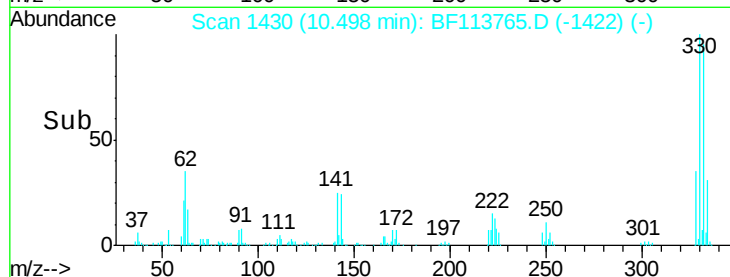
#67
 4-Bromophenyl-phenylether
 Concen: 3.866 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.25 min
 Lab File: BF113765.D
 Acq: 15 Apr 2019 16:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 20957
 Ion Ratio Lower Upper
 248 100
 250 201.1 78.3 117.5#
 141 461.3 56.2 84.4#

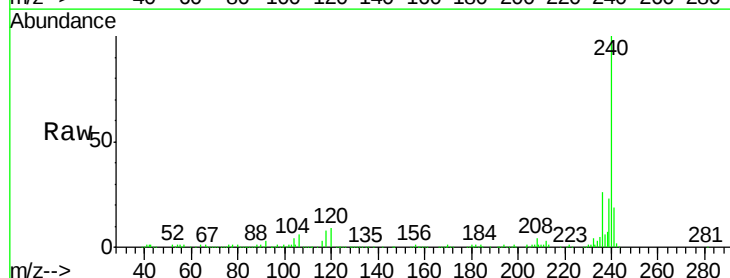


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

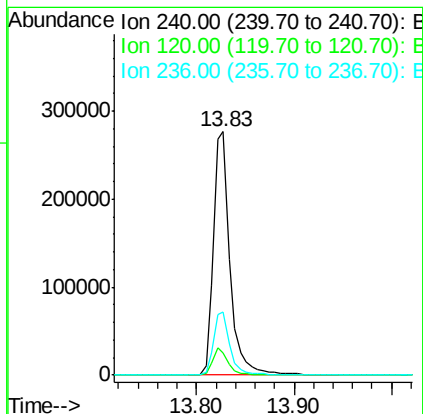
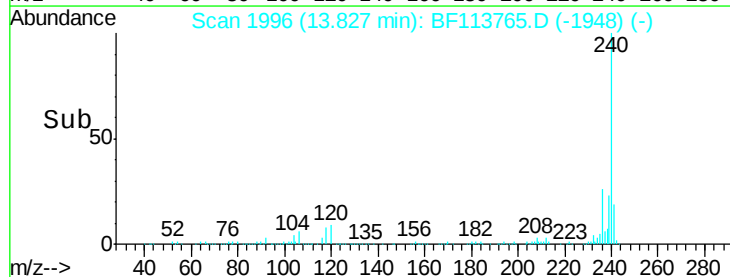


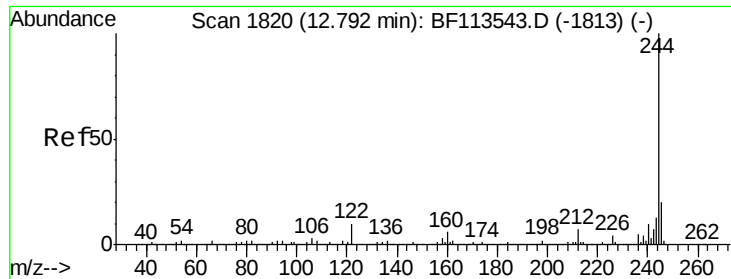
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF113765.D
 Acq: 15 Apr 2019 16:11

Tgt Ion:240 Resp: 325118
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.8 13.2
 236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.257 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113765.D

Acq: 15 Apr 2019 16:11

Instrument :

BNA_F

ClientSampleId :

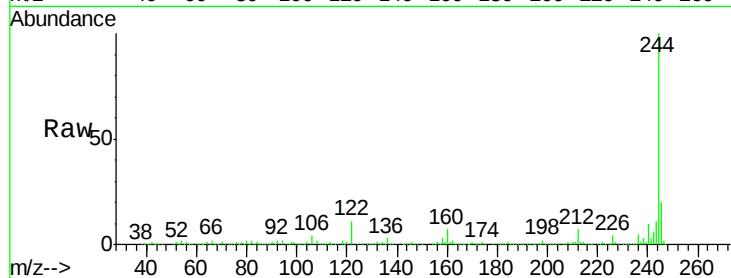
Tot Ion:244 Resp: 1505127

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

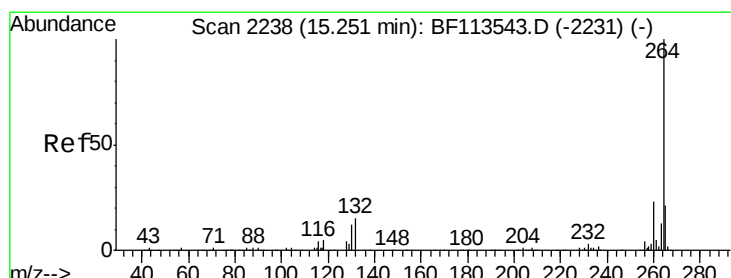
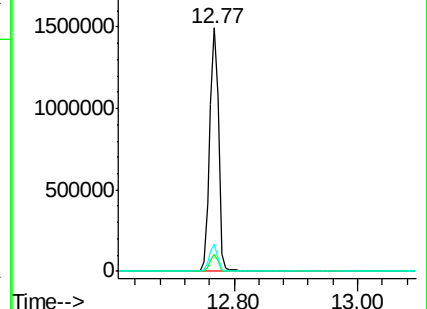
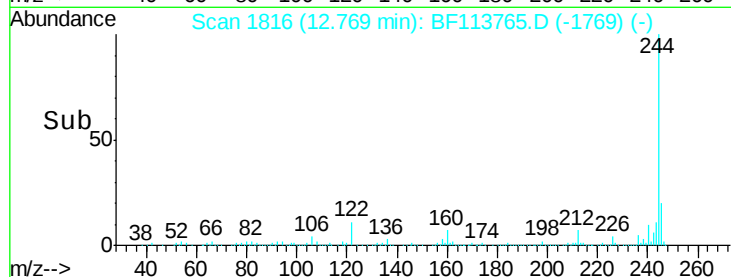
122 11.2 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113765.D

Acq: 15 Apr 2019 16:11

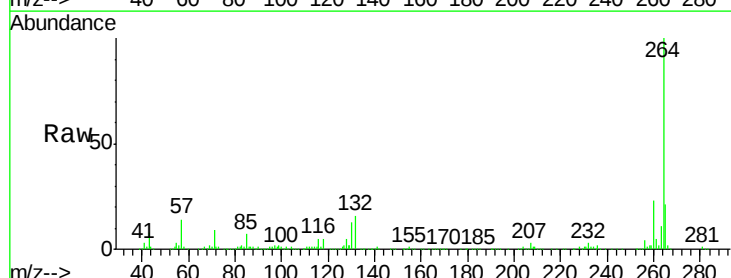
Tgt Ion:264 Resp: 310961

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.2 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

